

## Assessment Task Blueprint

What understandings or goals will be assessed through this task?



What criteria are implied in the standards and understandings *regardless* of the task specifics?  
What qualities must student work demonstrate to signify that standards were met?



Through what authentic performance task will students demonstrate understanding?

Task Overview:

What student products and performances will provide evidence of desired understandings?



By what criteria will student products and performances be evaluated?

## Constructing a Performance Task Scenario Using GRASPS

Consider the following set of stem statements as you construct a scenario for a performance task. Refer to the previous idea sheets to help you brainstorm possible scenarios. (Note: These are idea starters. Resist the urge to fill in all of the blanks.)

### Goal:

- Your task is \_\_\_\_\_
- The goal is to \_\_\_\_\_
- The problem or challenge is \_\_\_\_\_
- The obstacles to overcome are \_\_\_\_\_

### Role:

- You are \_\_\_\_\_
- You have been asked to \_\_\_\_\_
- Your job is \_\_\_\_\_

### Audience:

- Your clients are \_\_\_\_\_
- The target audience is \_\_\_\_\_
- You need to convince \_\_\_\_\_

### Situation:

- The context you find yourself in is \_\_\_\_\_
- The challenge involves dealing with \_\_\_\_\_

### Product, Performance, and Purpose:

- You will create a \_\_\_\_\_
- in order to \_\_\_\_\_
- You need to develop \_\_\_\_\_
- so that \_\_\_\_\_

### Standards and Criteria for Success:

- Your performance needs to \_\_\_\_\_
- Your work will be judged by \_\_\_\_\_
- Your product must meet the following standards: \_\_\_\_\_
- A successful result will \_\_\_\_\_

## Constructing a Performance Task Scenario Using GRASPS Mathematics

### Goal:

- The goal (within the scenario) is to minimize costs for shipping bulk quantities of M&M'S.

### Role:

- You are an engineer in the packaging department of the M&M'S candy company.

### Audience:

- The target audience is nonengineer company executives.

### Situation:

- You need to convince penny-pinching company officers that your container design will provide cost-effective use of the given materials, maximize shipping volume of bulk quantities of M&M'S, and be safe to transport.

### Product Performance and Purpose:

- You need to design a shipping container from given materials for the safe and cost-effective shipping of the M&M'S. Then you will prepare a written proposal in which you include a diagram and show mathematically how your container design provides effective use of the given materials and maximizes the shipping volume of the M&M'S.

### Standards and Criteria for Success:

- Your container proposal should . . .
  - Provide cost-effective use of the given materials.
  - Maximize shipping volume of bulk quantities of M&M'S.
  - Be safe to transport.
- Your models must make the mathematical case.